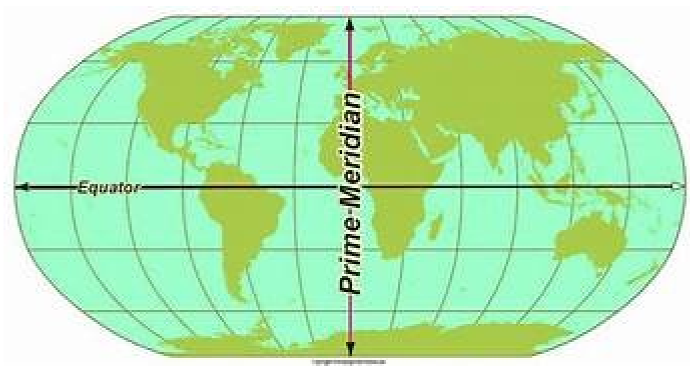
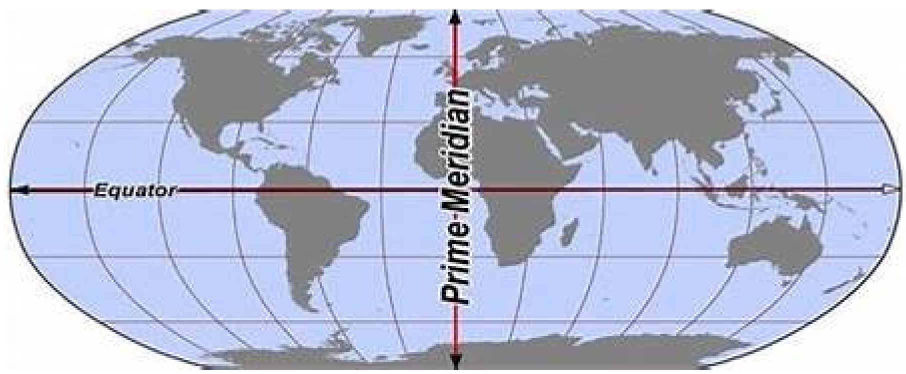
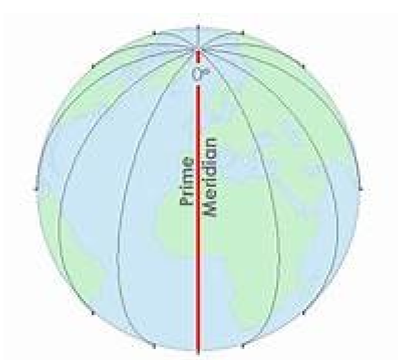
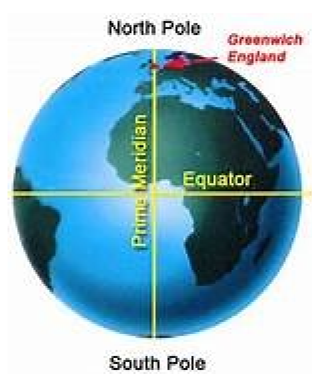
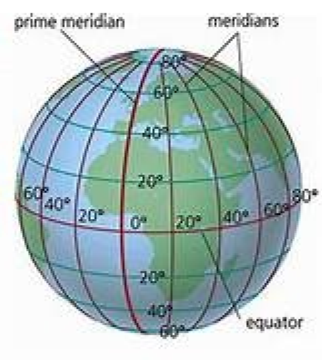
Ryan Padraig Kelly Prime Meridian



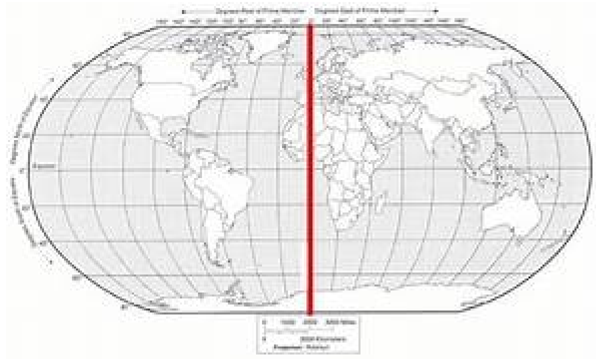






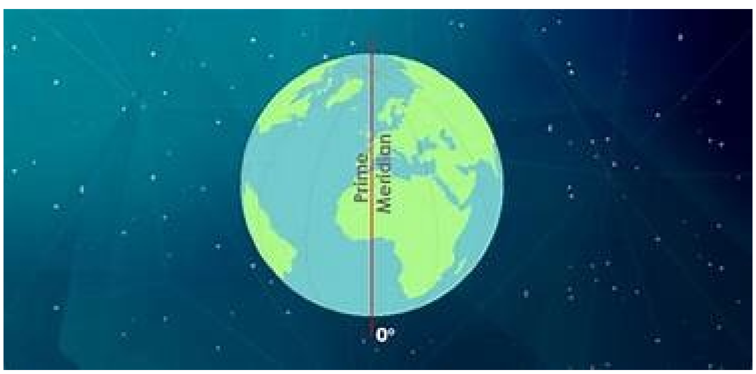


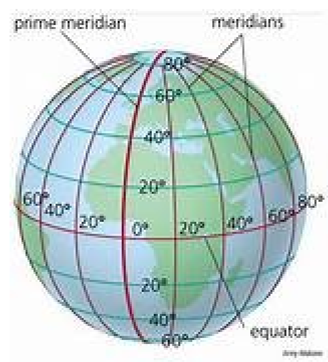

Prime meridian

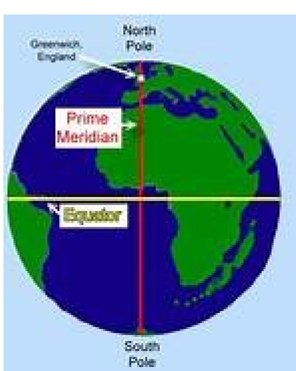


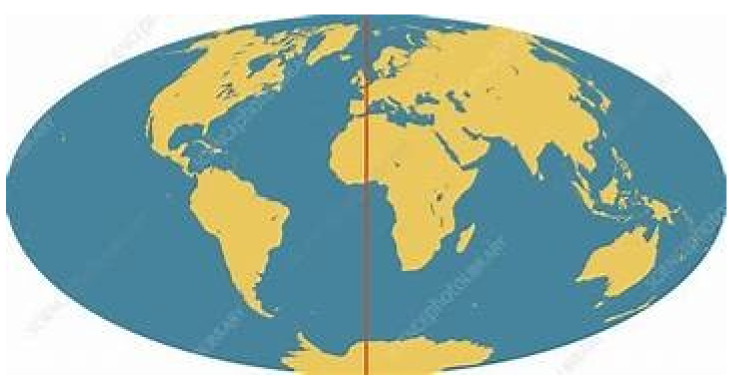

EUROPE
ASIA
AFRICA
SOUTH AMERICA
Prime Meridian
ANTARCTICA
South Pole (90°S)
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ARCTIC OCEAN
NORTH AMERICA
EUROPE
ASIA
ATLANTIC OCEAN
AFRICA
PACIFIC OCEAN
SOUTH AMERICA
AUSTRALIA
INDIAN OCEAN
Greenwich Meridian
SOUTHERN OCEAN
ANTARCTICA

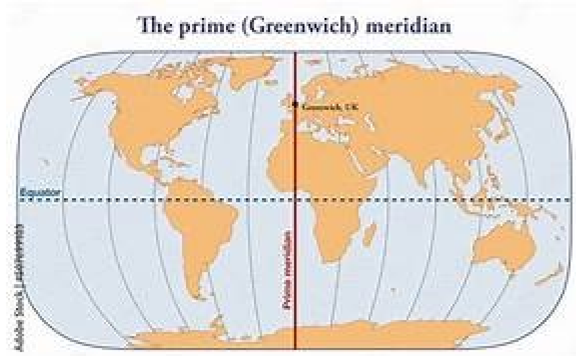

Prime Meridian
0°

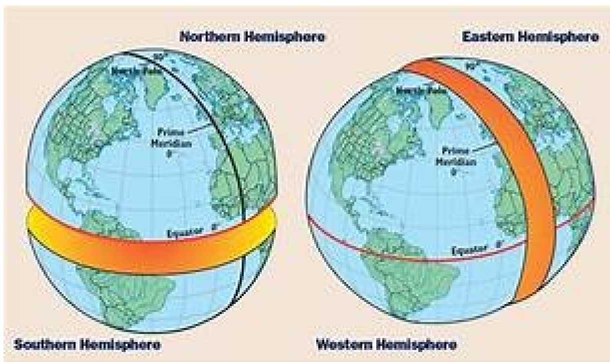

prime meridian
meridians
equator


North Pole
Greenwich, England
Prime Meridian
Equator
South Pole

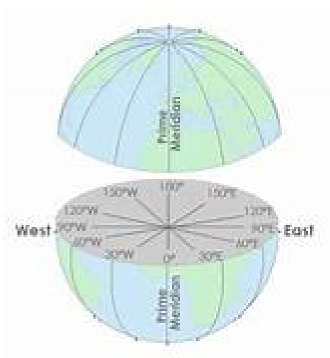






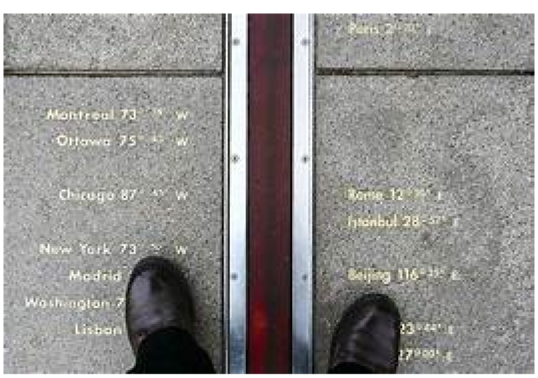


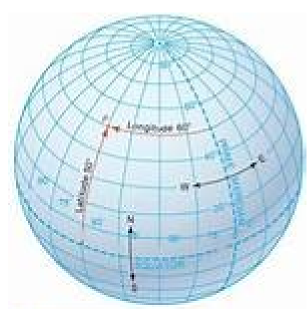




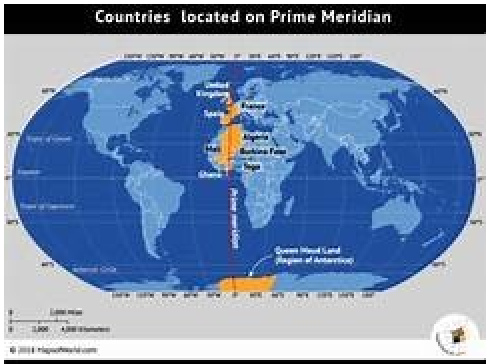








1.8 Latitude and longitude of a point

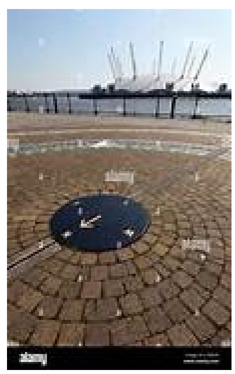

Countries located on Prime Meridian



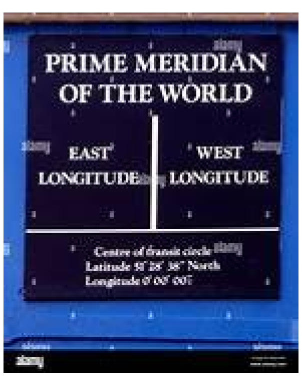

The prime (Greenwich) meridian




Prime Meridian

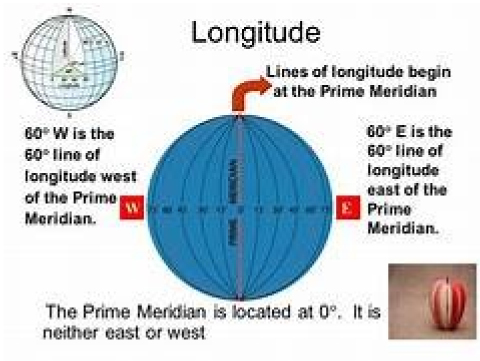


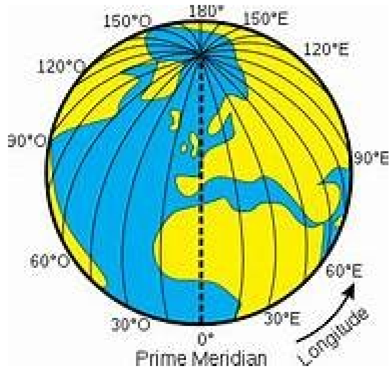


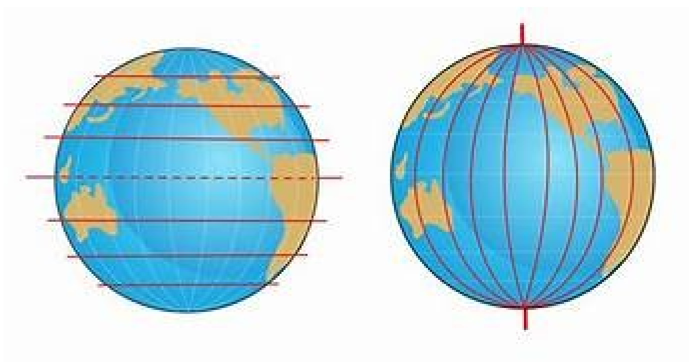

PRIME MERIDIAN
OF THE WORLD
EAST
LONGITUDE
WEST
LONGITUDE
Centre of transit circle
Latitude 51° 28' 38" North
Longitude 0° 00' 00"


shutterstock



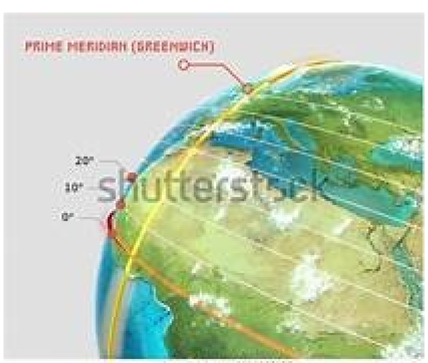

Longitude
Lines of longitude begin at the Prime Meridian
60° W is the 60° line of longitude west of the Prime Meridian.
60° E is the 60° line of longitude east of the Prime Meridian.
W
E
The Prime Meridian is located at 0°. It is neither east or west


180°
150°O
150°E
120°O
120°E
90°O
90°E
60°O
60°E
30°O
30°E
0°
Prime Meridian
Longitude



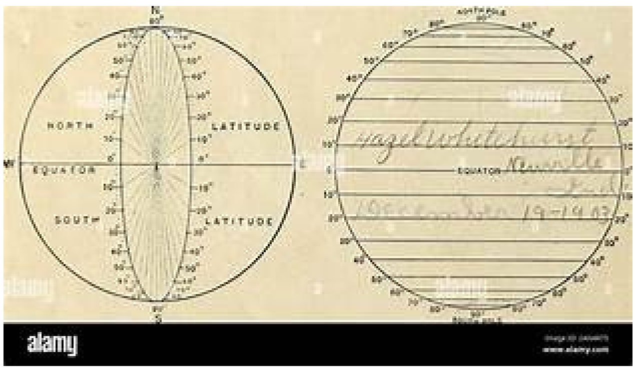



The prime (Greenwich) meridian


PRIME MERIDIAN (GREENWICH)
20°
10°
0°



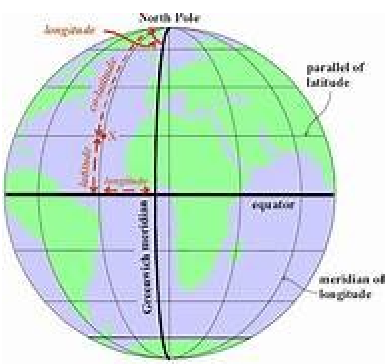

PRIME
MERIDIAN

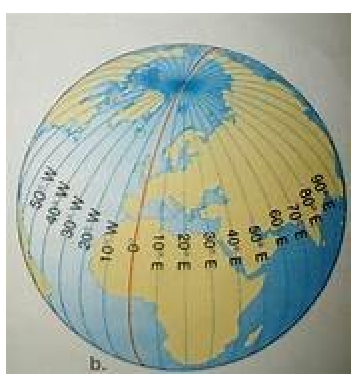

NORTH
LATITUDE
EQUATOR
SOUTH
LATITUDE
alamy


Across England
sea and ice





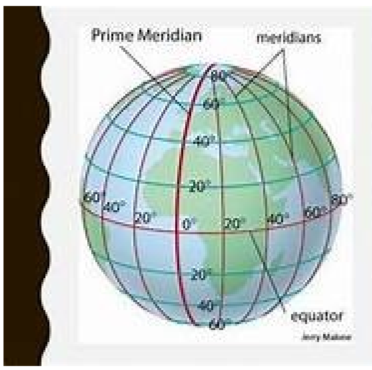

North Pole
longitude
parallel of latitude
equator
Greenwich meridian
meridian of longitude
South Pole


50°W
40°W
30°W
20°W
10°W
0
10°E
20°E
30°E
40°E
50°E
60°E
70°E
80°E
90°E
b.



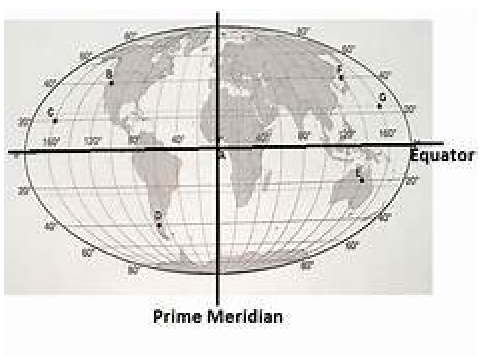





Prime Meridian
meridians
equator
Jerry Malone


HOW MERIDIANS ARE NUMBERED
??




Equator
Prime Meridian













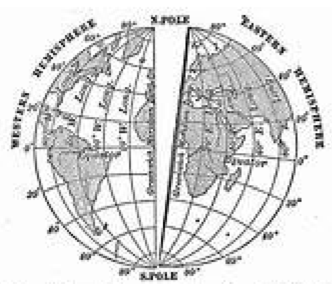
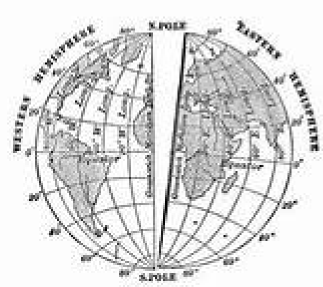


FIG. 288.—The earth, cut in halves along the Greenwich meridian, showing some of the meridians. The meridian 20° is usually considered the dividing line between the eastern and western hemispheres.

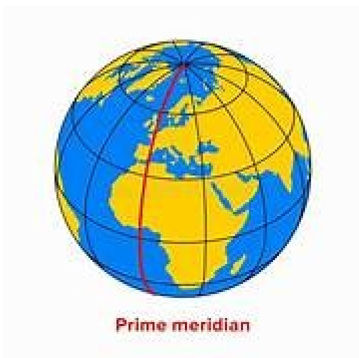


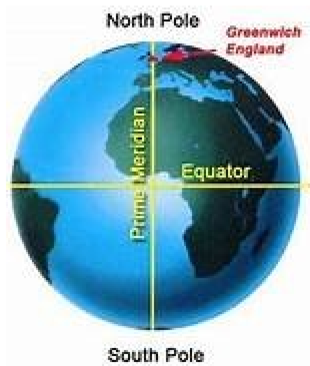


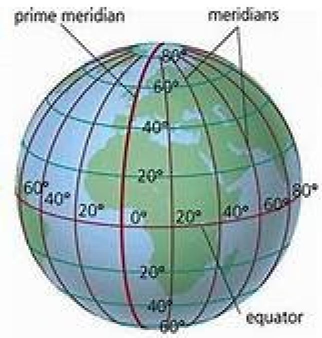



Prime Meridian


Los Angeles 118°
Casablanca 7°
Dallas 96°
Bermuda 64°
Bahamas 78°
Havana 82°
Tokyo 139°
Tehran 51°
Jerusalem 35°
Cairo 31°

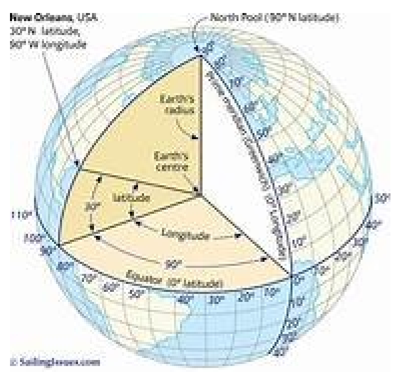

Prime meridian


North Pole
Greenwich
England
Prime Meridian
Equator
South Pole

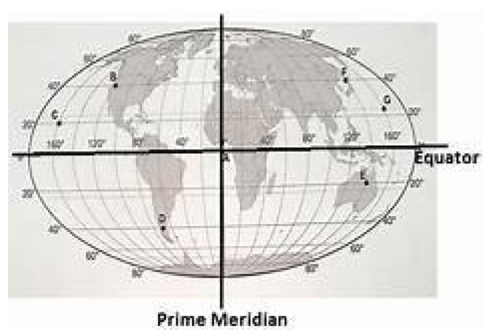

prime meridian
meridians
equator

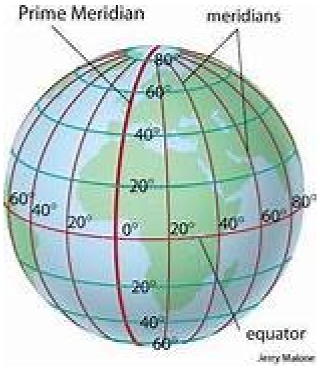

Equator 0°
Prime Meridian 0°

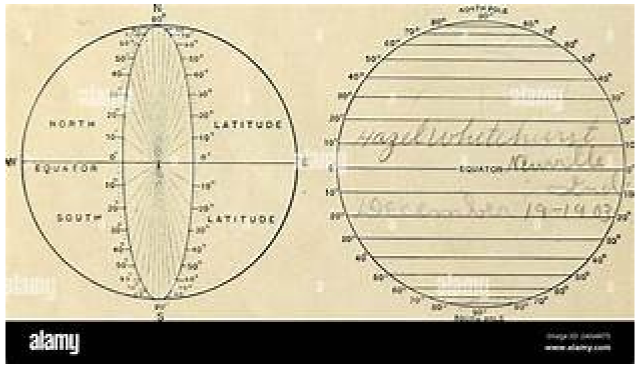



New Orleans, USA
30° N latitude,
90° W longitude
North Pool (90° N latitude)
Earth's radius
Earth's centre
latitude
Longitude
Equator (0° latitude)


Montreal 73°
Ottawa 75°
Chicago 87°
New York 73°
Madrid
Rome 12°
Istanbul 28°
Beijing 116°

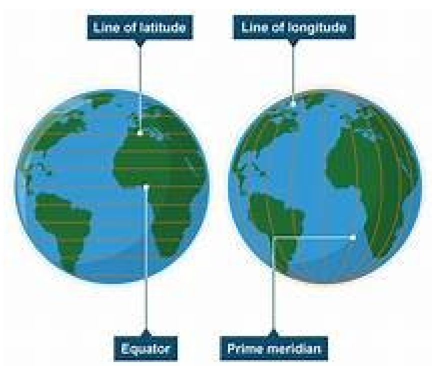

Equator
Prime Meridian


Prime Meridian
meridians
equator
Jerry Malone


NORTH
LATITUDE
EQUATOR
SOUTH
LATITUDE
alamy


PRIME
MERIDIAN




Line of latitude
Line of longitude
Equator
Prime meridian


The prime (Greenwich) meridian
alamy




Longitude and Latitude
North Pole 90°N
Prime Meridian
Arctic Circle
Tropic of Cancer
Northern Hemisphere
Equator 0°
Southern Hemisphere
Tropic of Capricorn
Antarctic Circle
South Pole 90°S
timeanddate.com


What is a MERIDIAN?
A meridian is an imaginary line that runs across the surface of the Earth from the North Pole to the South Pole
These meridians are used to measure the geographic longitude of a location and establish its position on the planet.
The reference meridian, called the Prime Meridian or Greenwich Meridian, divides the Earth into two hemispheres: East and West. Each meridian is assigned a numerical value in degrees, ranging from 0° at the Prime Meridian to 180° at the Opposite Meridian.
Meridians are fundamental for navigation, cartography, and the precise determination of time in different zones of the world.
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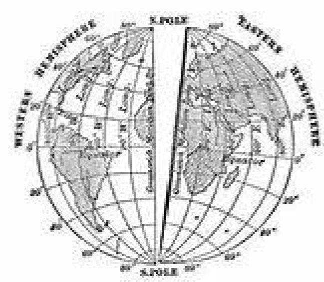











N.POLE
WESTERN HEMISPHERE
EASTERN HEMISPHERE
S.POLE

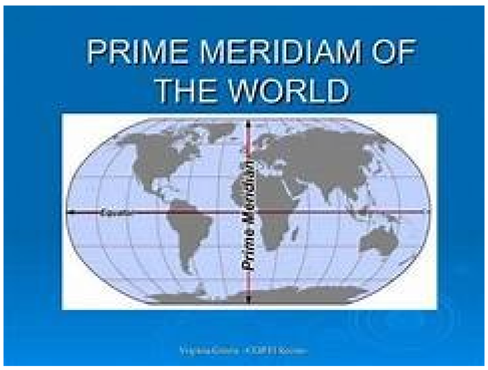


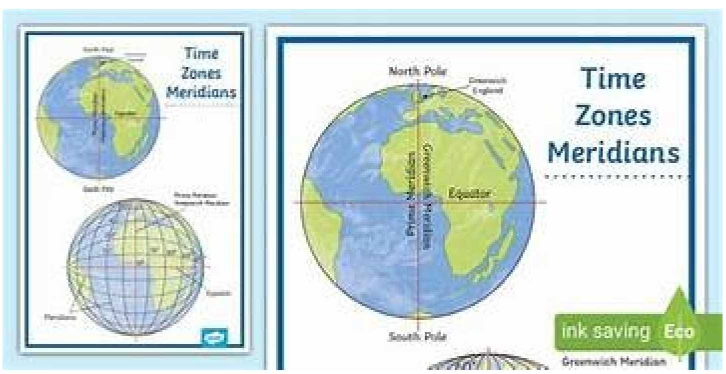





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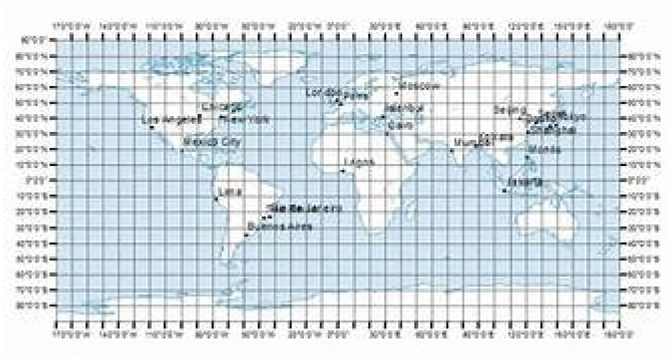

PRIME MERIDIAM OF
THE WORLD
Equator
Prime Meridian


Time
Zones
Meridians
North Pole
Equator
Greenwich Meridian
Prime Meridian
South Pole
ink saving
Eco
Greenwich Meridian

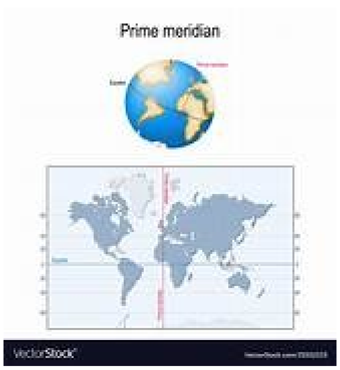

Prime
meridian
North Pole
Greenwich,
England
Equator
South
Pole


Greenwich (UK)
PRIME MERIDIAN

ya






Prime meridian
VectorStock




The imaginary line that separates East and West is the Prime Meridian. The Prime Meridian passes through Greenwich, England.
The World
Western Hemisphere
Eastern Hemisphere

